

Freeform Search

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Term: L10 with 19 

Display: 10 Documents in Display Format: - Starting with Number 1

Generate: Hit List Hit Count Side by Side Image

Search History

DATE: Thursday, March 18, 2004 [Printable Copy](#) [Create Case](#)

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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ			
L11	L10 with 19	19	<u>L11</u>
L10	plasmid or double stranded or duplex	145798	<u>L10</u>
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L8	camptothecin or \$camptothecin	3026	<u>L8</u>
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L6	15 with 14	86034	<u>L6</u>
L5	dna or polynucleotide or oligo or oligonucleotide or nucleic	252367	<u>L5</u>
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L3	Camptothecin or CPT	6055	<u>L3</u>
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L11: Entry 15 of 19

File: USPT

Sep 28, 1999

DOCUMENT-IDENTIFIER: US 5958947 A

TITLE: DNA-affinic hypoxia selective cytotoxins

Detailed Description Text (134):

In particular, a Topo I drug screening kit (TopoGEN, Inc., Columbus, Ohio) was used to assay the topoisomerase I THNLA-1 interaction. The tests were performed in a 20 .mu.l (final volume) solution containing: water, assay buffer (10 mM Tris.HCl pH 7.5, 1 mM EDTA, 100 mM NaCl), 0.75 .mu.g of supercoiled plasmid DNA, 6 units of calf thymus Topo I (in 50 mM Tris.HCl, pH 7.55, 0.7 M (molar) NaCl, 0.5 mM EDTA, 0.5 mM dithiothreitol, 10% glycerol) and various concentrations of THNLA-1 or 100 .mu.M camptothecin for comparison. Camptothecin is a Topoisomerase I poison used as an anticancer drug. Camptothecin stabilizes the Topo I-DNA cleavable complex, and therefore prevents the resealing of DNA by Topo-I.